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| U.S. APPLICATION NUMBER NO. 10/590,823 | FIRST NAMED APPLICANT Shunichi Shiozawa | ATTY. DOCKET NO. 1035-653 <i>FPP</i> |
|---|--|---|

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| INTERNATIONAL APPLICATION NO. |
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PCT/JP04/17497

| | |
|--------------------------------|-----------------------------|
| I.A. FILING DATE 11/25/2004 | PRIORITY DATE 02/26/2004 |
|--------------------------------|-----------------------------|

23117
 NIXON & VANDERHYE, PC
 901 NORTH GLEBE ROAD, 11TH FLOOR
 ARLINGTON, VA 22203

CONFIRMATION NO. 2189

371 FORMALITIES LETTER



OC000000026085855

Date Mailed: 10/03/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/25/2006
- English Translation of the IA filed on 08/25/2006
- Copy of the International Search Report filed on 08/25/2006
- Copy of IPE Report filed on 08/25/2006
- Preliminary Amendments filed on 08/25/2006
- Information Disclosure Statements filed on 01/18/2007
- Request for Immediate Examination filed on 08/25/2006
- U.S. Basic National Fees filed on 08/25/2006
- Priority Documents filed on 08/25/2006
- Non-English Language Application filed on 08/25/2006
- Specification filed on 08/25/2006
- Claims filed on 08/25/2006
- Abstracts filed on 08/25/2006
- Drawings filed on 08/25/2006

DOCKETED

OLD/MATTER # 1035-653
 MAIL DATE 10-3-07
 DUE DATE DEC 3, 2007
 FINAL DEADLINE May 3, 2008
 DOCKETED BY *[Signature]*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after

September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.

10/590,823

INTERNATIONAL APPLICATION NO.

PCT/JP04/17497

ATTY. DOCKET NO.

1035-653

FORM PCT/DO/EO/905 (371 Formalities Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
SHIOZAWA et al.
Serial No. 10/590,823
Filed: August 25, 2006
For: POLYNUCLEOTIDE PARTICIPATING IN RHEUMATOID ARTHRITIS AND UTILIZATION OF
THE SAME

Attention: Application Branch
Atty. Dkt. 1035-653

Date: November 21, 2007

Mail Stop Missing Parts

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The attached completes filing of the above-identified patent application:

☐ **Correspondence Address Indication Form Attached.**

☒ Signed Rule 63 Declaration alone, ☐ Copy of Declaration from prior application alone, OR

☐ Signed Declaration plus attached copy of originally filed specification/drawings.

☒ **NOTICE TO FILE MISSING PARTS OF APPLICATION FILING DATE GRANTED** form.

☒ Record the attached assignment to Shunichi SHIOZAWA, Kobe-shi, Hyogo, Japan and return to the undersigned.

☐ Attached is a Power of Attorney.

☒ Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:

| Application Number | Country | Day/Month/Year Filed |
|--|-------------|--|
| 2004-52495□2004-112548□2004-247525□2004-297965 | JP□JP□JP□JP | 26 February 2004□6 April 2004□26 August 2004□12 October 2004 |
| PCT/JP2004/017497 | | 25 November 2004 |

respectively.

☐ Certified copy(ies) filed on _____ in prior application no. _____, filed _____.

☐ Applicant claims "small entity" status. ☐ "Small entity" statement attached.

☐ Please enter the attached preliminary amendment prior to calculation of filing fee.

☒ Also attached: ☒ **Submission**; ☒ **Other: Submission of Sequence Listing; Response to Notification of Missing Requirements.**

Fees due are calculated below:

| | | |
|------------------|---------------------------------|----|
| Basic filing fee | \$300.00 (1011)/\$150.00 (2011) | \$ |
| Search Fee | \$500.00 (1111)/\$250.00 (2111) | \$ |
| Examination Fee | \$200.00 (1311)/\$100.00 (2311) | \$ |

Application Size Fee for each add'l 50 sheets that exceeds 100 sheets)

| | | | | | |
|----------------------|------|---|---------------|---------------|----|
| Total pages: 0-100 = | 0.00 | 0 | \$0.00(1081)/ | \$0.00 (2081) | \$ |
|----------------------|------|---|---------------|---------------|----|

| | | | | | | |
|------------------------|---|----------------------|---|---|---------------------------------------|----|
| Total effective claims | 0 | - 20 (at least 20) = | 0 | x | \$50.00 = \$0.00 (1202)/\$0.00 (2202) | \$ |
|------------------------|---|----------------------|---|---|---------------------------------------|----|

| | | | | | | |
|--------------------|---|--------------------|---|---|--|----|
| Independent claims | 0 | - 3 (at least 3) = | 0 | x | \$200.00 = \$0.00 (1201)/\$0.00 (2201) | \$ |
|--------------------|---|--------------------|---|---|--|----|

If any proper multiple dependent claims now added for first time (ignore improper), add
\$360.00 (1203)/\$180.00 (2203) \$

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s)

One Month Extension \$120.00 (1251)/\$60.00 (2251)

Two Month Extensions \$450.00 (1252)/\$225.00 (2252)

Three Month Extensions \$1020.00 (1253)/\$510.00 (2253)

Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)

Five Month Extensions \$2160.00 (1255)/\$1080.00 (2255) \$

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|---|--------------------------------|----|
| Surcharge if Declaration or filing fee first now submitted: | \$130.00 (1051)/\$65.00 (2051) | \$ |
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| English translation of specification and claims | \$130.00 (1053) | \$ |
|---|-----------------|----|

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| Assignment Recording Fee | \$40.00 (8021) | \$ | 40.00 |
|--------------------------|----------------|----|-------|

TOTAL FEE DUE \$ 40.00

☐ **CREDIT CARD PAYMENT FORM ATTACHED.**

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our **Account No. 14-1140**. A duplicate copy of this sheet is attached.

901 North Glebe Road, 11th Floor
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Facsimile: (703) 816-4100
FPP:lcb

NIXON & VANDERHYE P.C.
By Atty: Frank P. Presta, Reg. No. 19,828

Signature: Frank P. Presta